

Abstract

When the power is turned on, the real time OS gets started and a process portion is generated. The process portion starts at state A and advances to state B. In the state B, the process portion executes a capsule registering process. Thereafter, the process portion advances from the state B to state C. In the state C, the process portion executes a capsule resource allocating process. Thereafter, the process portion advances from the state C to state D. In the state D, the process portion executes an initializing process for the capsule including a device. The process portion advances to one of states E to M. The process portion determines whether or not a completion request message has been received. When a message other than the completion request message has been received, the process portion advances to a relevant state. In one of the states E to M, when the determined result represents that the completion request message has been received, the process portion advances to state N. In the state N, the process portion performs an unallocating process for a second buffer. Thereafter, the process portion advances to state O. In the state O, the process portion unallocates a first buffer and closes the device. Thereafter, the process portion advances to state P. In the state P, the real time OS is stopped and the

power is turned off.